

Dräger VarioLux® Examination Lights

The Dräger VarioLux® offers cool, highly efficient, and variable intensity examination light specially designed for use in neonatal intensive care settings. Made for single-handed operation, it features adjustable color settings as well as a dimmer function.



Benefits

Gentle, effective, and efficient illumination

For the smallest of patients, only the best light is good enough. Until now, choosing an examination light suited for use on the neonatal intensive care ward has been a challenge. Neonates and especially premature babies often respond to external stimuli with stress reactions.¹ With the VarioLux LED examination light, you get the effective, efficient light you need without having to compromise on the special needs of your tiny patients.

Adjustable intensity for sensitive patients

The intensity of the light beam produced by the VarioLux can be adjusted in five steps from 6,500 to 30,000 lux. The light produced by the LEDs used is inherently cool. This helps you avoid unwanted additional thermal radiation and makes it easier for you to maintain the temperature of the baby's environment at a constant level.

Specific-purpose color settings

The VarioLux examination light offers you three different color settings. You can choose between neutral white (4100 K), cool white (4700 K) or warm white (3500 K) light. With the various color temperatures, color contrasts can be displayed with different intensity. Neutral white light supports a neutral color impression, which is desired in most examination situations. Cool white light can be used to show vascular structures with greater contrast, while warm white light can assist in skin and wound examinations.

Efficiency and durability for continuous use

LEDs generate light with a fraction of the energy required by most conventional light sources. Very little heat is generated, and thanks to their solid state design, they are extremely long-lasting. The light source of the VarioLux was designed to provide quality illumination up to 50,000 hours. These features make it a good choice for continuous, low-cost, and care-free illumination. Long-term savings are assured.

Silent operation means less stress on the Baby

Thanks to the LED technology, the VarioLux provides a cool beam of light and so requires no active ventilation. This means that no additional noise is generated in an environment where caregivers are often hard-pressed to contain and reduce extraneous noise levels. Less noise on the ward means less stress for the babies.²

Practical memory function

The Dräger VarioLux lets you save a light setting when you switch it off. This practical preset memory function helps you save time and can help you avoid dazzling your patients when you turn on the light.

Benefits

Hands free for the patient

On a NICU, you need as many free hands as you can get. It's also vital to direct your full attention towards your tiny patient. That's why the VarioLux features single-handed operation, letting you keep one hand free for your patient. The spring-loaded arm enables precise, stable, and practically effortless positioning. Once adjusted, the VarioLux remains safely and securely in position.

¹ Recommended Standards for Newborn ICU Design; Standard 23: Acoustic Environment; February 1, 2007
Clearwater Beach, FL

² The effects of noise on preterm infants in the NICU; Elisha M Wachman, Amir Lahav; ADC-FNN Online First, published on June 14, 2010 as 10.1136/adc.2009.182014

Related Products



Dräger Babyleo® TN500

The Babyleo® TN500 is Dräger's first IncuWarmer that provides optimal thermoregulation for neonates in open care, closed care and transition. With the combination of three heat sources, this device protects your little patients so they can grow while making your workflow easier with quick and comfortable access to the baby.

Technical Data

Operating mode	Continuous operation
Weight	1.5 kg (3.3 lbs)
Electrical values	100–240 V, 50/60 Hz
Max. illumination intensity E_c at 0.5 m	30,000 lx
Dimming levels	30,000 lx, 24,000 lx, 18,000 lx, 12,000 lx, 6,500 lx
Light field diameter d_{10} at 0.5 m	20 cm (7.9 in)
Light field diameter d_{50} at 0.5 m	9 cm (3.5 in)
Color temperature adjustable	Cool white (blue) 4,700 K Neutral white (white) 4,100 K Warm white (red) 3,500 K
Service life of bulb (LEDs)	50,000 h
Color reproduction index	Ra = 96 (at 3,500 K) R9 = 89 (at 3,500 K)
Max. radiant power at 0.5 m	105 W/m ²

Ordering Information

Product	Article number
VarioLux® EU	MP 00 601
VarioLux® US	MP 00 602
VarioLux® GB	MP 00 603
VarioLux® AUS	MP 00 606
VarioLux® ZA	MP 00 607
VarioLux® JP	MP 00 608

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